



PTO/SB/08A (04-03)

Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

1

of

1

Complete if Known

Application Number	10/634,683
Filing Date	August 5, 2003
First Named Inventor	Robert W. Stambaugh
Art Unit	
Examiner Name	
Attorney Docket Number	3748.002

U. S. PATENT DOCUMENTS

U. S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (If known)				
JAT	1	US-	3,241,117	03-15-1966	Schottle et al.	
JAT	2	US-	3,310,797	03-21-1967	U.G. Auger	
JAT	3	US-	3,742,141	06-26-1973	Duncan et al.	
JAT	4	US-	3,797,009	03-12-1974	Crudgington	
JAT	5	US-	4,194,181	03-18-1980	Brundage	
JAT	6	US-	4,222,111	09-09-1980	Sloan et al.	
JAT	7	US-	4,449,186	05-15-1984	Kelly et al.	
JAT	8	US-	4,530,067	07-16-1985	Dorr	
JAT	9	US-	5,032,834	07-16-1991	Kane et al.	
JAT	10	US-	5,151,692	09-29-1992	Hirahara	
JAT	11	US-	5,272,474	12-21-1993	Hilliard	
JAT	12	US-	2003/0040943	A1 02-27-2003	Bates et al.	
JAT	13	US-	2002/0082879	A1 06-27-2002	Miller	
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				

FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶	
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)					

Examiner
SignatureDate
Considered

9/28/04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.